

NEW KEN-TOOL SUPPLEMENT No. 3

PLEASE ATTACH TO YOUR PRESENT KEN-TOOL CATALOG

NEW SUPER QUALITY 4-WAY PASSENGER

Here illustrated is the finest HOT-FORGED one piece 4-way rim wrench to come on the market.

FORGED from special 5/8 round alloy steel, having unusual strength.

Sockets are accurately hot forged, they will take the roughest punishment, ordinary wrench would soon fail under, these conditions, but this NEW KEN-SUPER QUALITY wrench is so tough that it out lasts others many times.

EXTRA long 23" to clear new car fenders. SOCKET sizes 3/4 13/16, 7/8, 15/16.

T-57 NET PRICELength 23"Wt. 4 3/4 lbs.



T-57

NEW KEN TIRE MOUNTING CLIP

FOR FIRESTONE SUPREME TIRES, GOODYEAR LIFEGUARD SHIELDS AND GOODYEAR CAPTIVE-AIR SHIELDS

The new 14" rims and many 15" rims makes it difficult for a service man to seat the Firestone Supreme tire diaphragm and various Goodyear shields. Due to the new rim well width and depth.

To overcome this difficulty, the illustrated simple tire mounting clip was developed.

The use of this new mounting clip, IS A MUST for all service stations, tire repair shops and garages etc.

T-3 NET PRICEWt. 5 oz.

(Simple instructions with each)

MOUNTING INSTRUCTIONS

Step 1. After mounting the first tire bead, be sure that the lower diaphragm bead is properly seated. Insert the mounting clip as illustrated in (Fig. 2, see cross-section view) when two-thirds of the second tire bead is in place. Place the mounting clip as far as possible toward the last unseated portion of the tire bead which will be pried over the rim flange.

Step 2. Complete the mounting of the tire bead.

Step 3. Check the diaphragm to make sure it is seated properly. With the clip in place, insert fingers between the rim and tire bead and work completely around the tire to make sure the diaphragm bead is in place.

Step 4. Reposition diaphragm, if necessary. If the diaphragm bead should have become unseated through improper mounting, insert one hand between the rim and the tire bead and work the diaphragm bead into place with the fingers, moving in the direction of the clip (Fig. 3).

Step 5. Remove the mounting clip.

INFLATING

Check air pressure frequently (every 3 to 4 pounds) to prevent rapid build-up of pressure in the inner portion of the tire. Do not exceed 40 pounds pressure while seating tire beads. After tire beads have seated properly, reduce pressure to recommended operating pressure.

THE KEN-TOOL MFG. CO. • AKRON 5, OHIO

Supplement No. 3 2-57 Printed in U.S.A.

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FIG. 1 — NEW TIRE MOUNTING CLIP



FIG. 2 — CROSS SECTION SHOWS PROPER POSITION OF CLIP

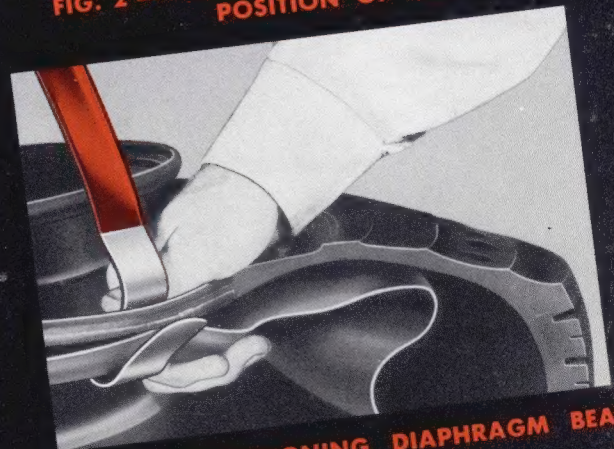


FIG. 3 — REPOSITIONING DIAPHRAGM BEAD

NEW KEN "CHALLENGER" TIRE CHANGER

Changes Both Regular and Tubeless Tires on Passenger
and Light Trucks Including **The New 14" Wheels.**

T-140

Removeable
simple Wheel
Hold Down.

Simplest trouble
free mechanical
Wheel Hold Down.
Requires no air.

One Simple Tool—
For Mounting and
Dismounting.

No need for special tool rack . . .
Note compactness when not in use.
Thus requires much less floor space.

PATENT APPL'D FOR

With simple Wheel Hold Down
removed, one need not lift
heavy wheel assembly high up
over center post as is true with
most all other
units—result less
work with KEN
Changer.

Note . . . Bead breaker
down
and out of the way . . . when
mounting tires.

AT LAST A MASS PRODUCED KEN
QUALITY tire changer the CHALLENGER
at a low price that all can afford . . .
small or large stations alike . . . Yet
so functional we ask that you compare the
Challenger . . . for quality, for performance . . .
for price with any of the larger
tire changers selling for double or more.

Only the know how of KEN-TOOL engineers
backed by years of experience and skill in
this field could make the KEN CHALLENGER
possible and so SIMPLE.

The KEN CHALLENGER is simple to use,
handles all sizes of tires and all types of
rims, including the NEW 14" wheel . . .
for passenger cars and light trucks.

So fast that you can actually remove and
replace a tire in seconds, yet so gentle,
that beads of tires are protected against
any damage . . . plus in addition to meeting
the requirements of the nations leading
tire manufacturers.

The KEN CHALLENGER has been tested
and proven under all sorts of field
conditions.

ALL STEEL construction for hard use and
long life.

The New improved KEN bead
breaker breaks all beads now
with the greatest of ease . . .
on all passenger and light
trucks regardless of the type
tire or rim, including all safety
rims etc. Extra long handle
provides additional leverage
and power if needed.

THE KEN-TOOL MFG. COMPANY

AKRON

5, OHIO

Printed in U.S.A.

NEW KEN TIRE CHANGER "CHALLENGER" FOR SAFER, EASIER, QUICKER TIRE CHANGING

SIMPLEST FUNCTIONAL TIRE CHANGER ON THE MARKET

DISMOUNTING TIRE

Step one remove the KEN mechanical hold down fixture, now place wheel on top of changer . . . replace the simple mechanical hold down, giving a half turn to the right, now simply finger tighten screw loop nut a few turns, this will secure wheel firmly.

Next insert the forged FLAT END of demount tool under bead of tire at rim, bring demount tool down to center of hold down . . . now roll tire bead off in a clock-wise motion . . . Treat the removal of second bead the same as first bead. To still further simplify this operation use, KENS new BEADEZEE, the finest tire lubricant made.

REMOUNTING TIRE

Second step use the Precision FORGED REMOUNT Fixture over center post, hook shoe over edge of rim, insert demount tool for leverage handle. . . Now push or pull tool clock-wise. This will remount bead back onto the rim. Repeat same operation on second bead. (see photo)

ROLLAWAY BASE

For those stations that have space problem, we suggest the portable rollaway base, which permits you to quickly roll to any desired location. Sturdy construction for hard and long use.

NEW KEN BEADEZEE TIRE LUBRICANT

Mounting and dismounting of any tire is no problem, when using KEN-BEADEZEE, which takes the hard work out of all tire changes, even the most stubborn Tires. Prevents damage to all tire beads. Permits quick and Easy seating of tubeless tire beads on all types of rims including Chrysler-Safety type.

Also a Must with ALL tire changing machines, comes ready to use. Nothing to add Nothing to Mix. KEN-BEADEZEE is produced and sold exclusively by KEN-TOOL on money back guarantee.



NOTE — Clean to use . . . Will not soil or stain white side walls or the hands. Latest and finest development. Excellent for removing rubber squeaks, shock absorbers, stabilizers, linkage, shackles, etc.

T-140 NET PRICE.....Complete Tire Changer.....WT. 58 lbs.
(less Rollaway base)

T-140A NET PRICE.....Tire Changer.....WT. 51 lbs.
(Less Beadbreaker and Rollaway Base)

T-141 NET PRICE.....Complete tire changer.....WT. 83 lbs.
(With Rollaway Base)

T-142 NET PRICE.....Rollaway Base Only.....WT. 25 lbs.

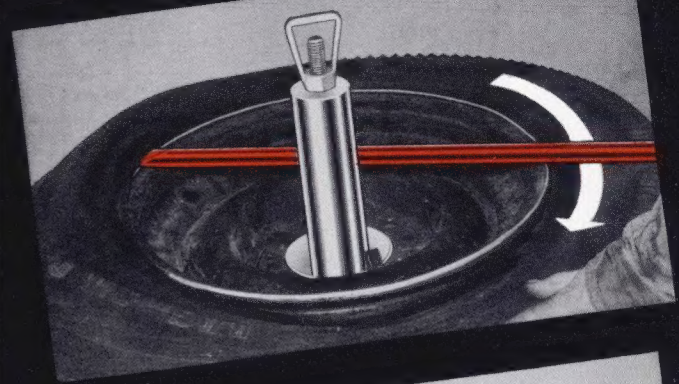
T-130 NET PRICE.....Ken BEAD Expander.....WT. 9 lbs.
(See Photo)

T-133 NET PRICE.....Air Power Bead Expander.....WT. 16 oz.
(See Photo)

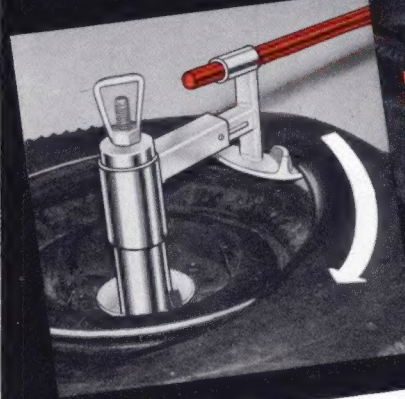
T-147 NET PRICE.....Ken-Beadezee—1 gal.....WT. 8½ lbs.

T-148 NET PRICE.....Ken-Beadezee—1 (5 gal.).....WT. 45 lbs.

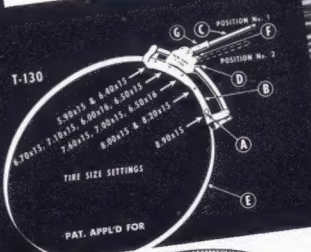
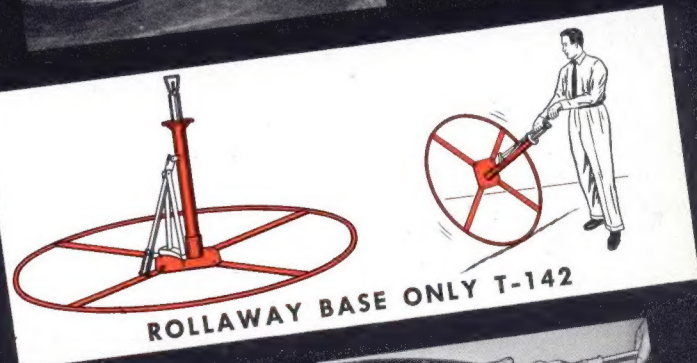
DISMOUNTING TIRE



REMOUNTING TIRE



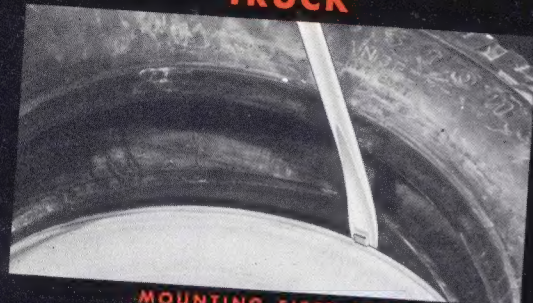
FORGED SLIDING
SHAFT ADJUSTS TO
ANY SIZE WHEEL...



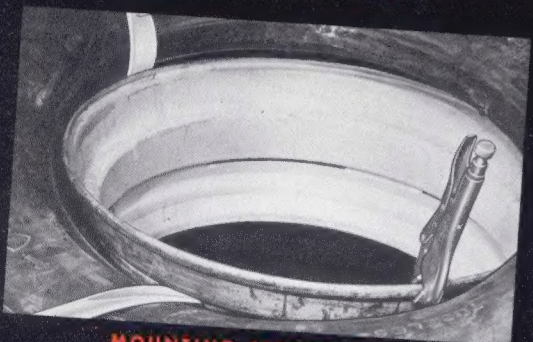
KEN BEAD EXPANDER

A must for mounting tubeless tires for passenger and light trucks.

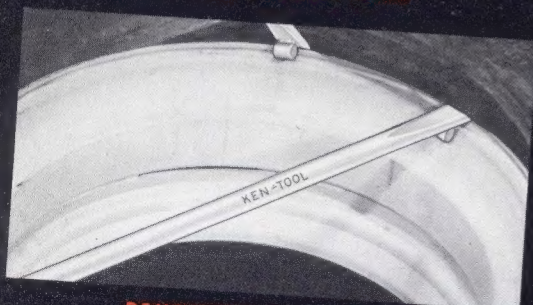
TRUCK



MOUNTING FIRST BEAD



MOUNTING SECOND BEAD

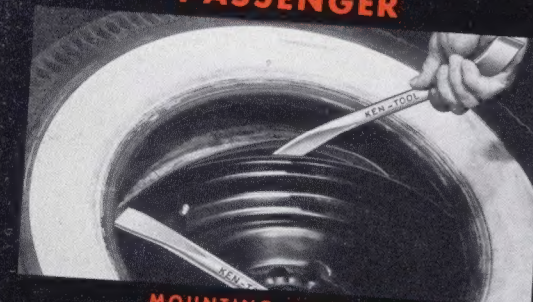


DEMOUNTING FIRST BEAD

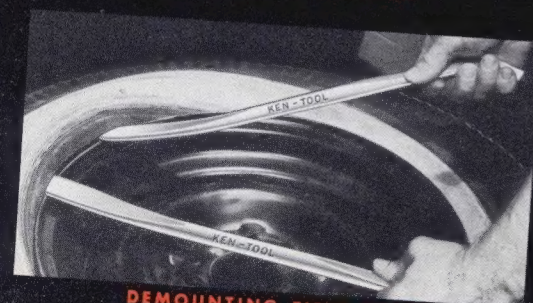


FINAL STEP—IN DEMOUNTING FIRST BEAD

PASSENGER



MOUNTING FIRST BEAD



DEMOUNTING FIRST BEAD

KEN-TOOL T-45

KEN-TOOL T-6

NEW TRUCK AND PASSENGER TUBELESS TIRE CHANGING TOOLS ANOTHER FIRST BY KEN APPROVED BY LEADING TIRE MFGR'S.

NEW TRUCK TUBELESS TIRE CHANGING IRON

Functionally-Designed for mounting and demounting TUBELESS TRUCK TIRES on the NEW one-piece drop-center rim. SPEED, SAFETY, and EASY operating are the outstanding advantages of this NEW tubeless truck tire changing tool . . . Plus the none damaging to the air sealing features! Reason . . . cause every bend—every curve—even every knob has a purpose.

A tool so functionally designed that coupled with a bit of skill makes truck tire servicing on NEW one-piece drop-center truck rim a simple time saving operation. Does not damage the sealing features!

USED IN PAIRS

The illustrated tools can be so manipulated that even the largest truck tires can be mounted or demounted in a matter of minutes.

Never before has so much research and engineering been built into a tire tool, it literally does the hard work for you. Simple well illustrated instructions on its use is furnished with each tool.

Hand Forged from chrome nickel alloy steel and properly heat-treated for hard use and long life. Satisfaction guaranteed.

T-45 NET PRICE 38" —Wt. 4 1/2 lbs.
(Packed in pairs of 2)

T-45A NET PRICE 38" long —Wt. 4 1/2 lbs.
(Single tool only)

NEW PASSENGER TUBELESS TIRE CHANGING IRONS. A NATURAL FOR 14" WHEELS.

Here illustrated is the finest designed Tire changing irons, for mounting or demounting Tubeless or Regular Tires. Hand Forged for long life.

Leading tire men say this is the finest and hottest tire changing tool, since the invention of the Tubeless Tires.

Every bend has a reason—every curve a purpose; it's "functionally designed."

This NEW revolutionary designed tire tool provides the means of changing tires as quickly and as easy as on tire changing machines, also eliminates the possibilities of damaging the sealing features of Tubeless Tires. Nothing like it on the market.

Exclusive with Ken . . .

USED IN PAIRS

Now everybody can become a tire changing EXPERT. By using these tools in pairs tire changing becomes extremely simple, either tubeless or regular tires: Also a natural for the New 14" Wheels. A MUST FOR ALL.

T-6 NET PRICE 18" long —Wt. 1 1/2 lbs.

HERE IS THE **NEW** ALL PURPOSE KEN BATTERY CARRIER B-63

The most practical all purpose battery carrier ever designed adjustable slide arm, quickly and easily adjusts to fit any type battery 6 or 12 volt—long or standard.

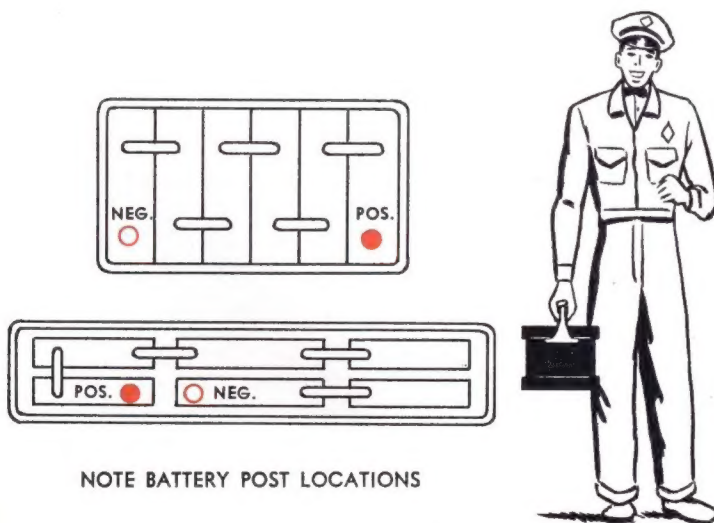
Because of the unique positive sure and safe gripping, you take no chances of dropping a battery.

Makes strap type battery carriers obsolete, because new 12 volt batteries have both posts on same side or end. (See illustration below)

- ★ Enables operator to remove and replace batteries in hard to get at places so much easier.
- ★ Holds battery firmly and safely by the strongest part, the case.
- ★ No danger of dropping or damaging posts as with strap type carriers.

A Must For All Battery Service Men.

B-63 NET PRICE WT. 23 oz.
(Boxed one to a carton, 12 to a case)

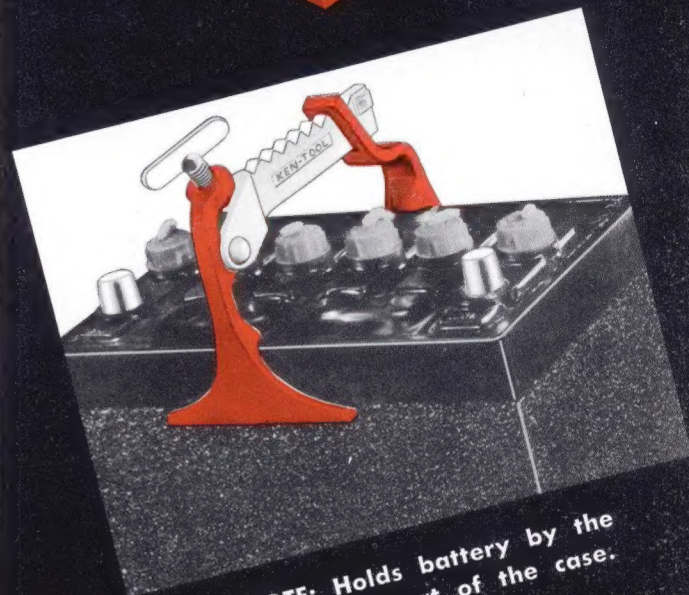
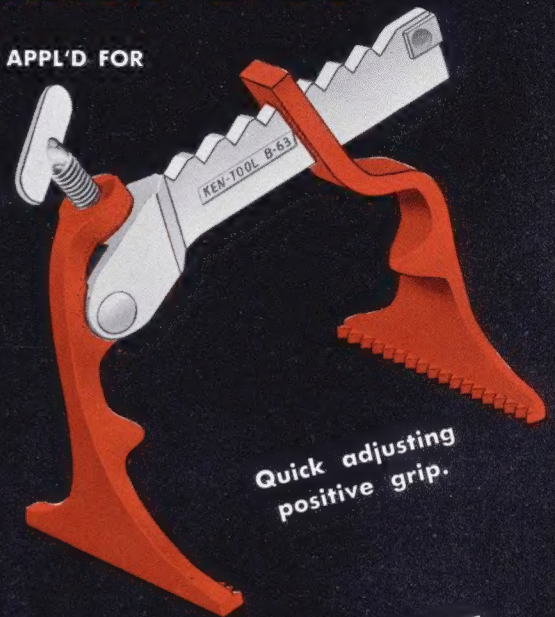


ANOTHER FIRST BY KEN-TOOL

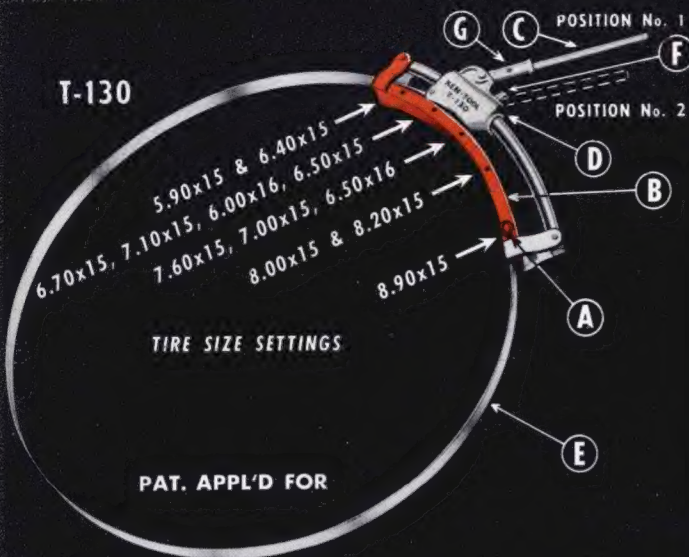
Largest Exclusive Mfgs. of Tire Changing Tools

THE KEN-TOOL MFG. CO., AKRON 5, OHIO

PAT. APPL'D FOR



T-130



KEN BEAD EXPANDERS FOR TUBELESS TIRES

NOW... IMPROVED NO-SLIP KEN-TOOL BEAD EXPANDER FOR TUBELESS TIRES FASTEST... SAFEST... SIMPLEST

Shown here is the most easily handled, easily applied, simplest tubeless tire bead expander, on the market, barring none. MOUNTS... all tubeless tires, on passenger cars, and light trucks.

You can lock tubeless tire beads into position and air can be applied instantly without leakage while at the same time the tool can be adjusted or released as the condition may warrant, with little or no effort. WITH THIS NEW NON-SLIP JACK ACTION... LEVERAGE IS TREMENDOUS.

This tool is a must for all SERVICE STATIONS, TIRE REPAIR SHOPS, TIRE SERVICE MEN, none can afford to be without one or more of these KEN-SPEED BEAD expanders.

UNCONDITIONALLY... GUARANTEED... against workmanship, material, or failure. Quality made for years of service.

T-130 NET PRICE Wt. 8 lbs.
(Packaged one per carton) Simple instructions enclosed.

AIR BEAD EXPANDER

The AIR POWER IS completely different—designed for really safe, Speedy, simple operation. A pliable neoprene rubber tube encased in tough long lasting nylon cover... built to withstand 200 pounds of air pressure... weighs only one pound.

The AIR POWER... has been constructed to give long, safe service and to withstand contact with oil, grease, solvents and acids... completely guaranteed against defects in workmanship and materials. Yes the AIR POWER is COMPLETELY DIFFERENT... and it is completely safe.

SIMPLE AS A-B-C TO USE

- A—Wrap the AIR POWER UNIT around tire and secure.
 - B—Inflate the AIR POWER UNIT until the bead expands against the rim.
 - C—Inflate the tire—deflate and remove the AIR POWER.
- All in matter of seconds

T-133 NET PRICE (Packed Individual) Wt. 1 lb.

KEN E-Z LIFT DUAL TRUCK WHEEL DOLLY

Now one man can remove dual truck or single wheels... easily—saves time, save backbreaking work, make more money with this new improved E.Z. lift. Has many outstanding features, not found on other dollies. These improvements are really appreciated by truck service men everywhere.



T-105 NET PRICE Wt. 160 lbs.

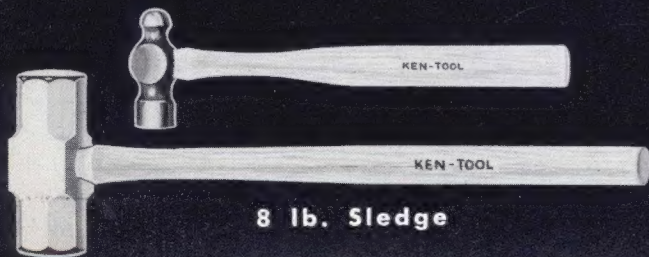
BALL PEIN AND SLEDGE HAMMERS 3-MOST POPULAR

Finest quality hammer heads are drop forged from selected alloy steels; tempered for unusual toughness, brightly polished faces.

B-8 NET PRICE Ball Pein Wt. 16 oz.

B-10 NET PRICE Ball Pein Wt. 24 oz.

T-37 NET PRICE Sledge Wt. 8 lbs.



NEW KEN DETECTO-MIST . . . ANOTHER FIRST BY KEN

FOR LOCATING AIR LEAKS, ON TIRES, RIMS, ANY SIZE

A DEMONSTRATION IS SENSATIONAL

FAST AND ACCURATE — ELIMINATES GUESS WORK — SAVES TIME AND LABOR. ENDS ALL MESSY DUNKING OPERATIONS.

Here illustrated is a new REVOLUTIONARY method for detecting air leaks in tire assemblies. Simply spray tire and rim with KEN DETECTO-MIST solution, on or off the vehicle, and instantly a mountain of bubbles exposes the tiniest of leaks. Works on passenger, truck, tractor, implement, aircraft and off-the road tires; also on rims, wheels, valve stems and conventional tubes.

Exhaustive tests have proven this NEW revolutionary KEN method and it is now accepted by all the leading major tire manufacturers and oil companies.

KEN DETECTO-MIST SPRAY UNITS SPECIAL SOLID BRASS CHROME PLATED . . . WITH AUTOMATIC SAFETY AIR RELEASE.

KEN ECONOMY MODEL: Handy one-quart capacity unit for service Stations, Garages, small tire dealers and fleet service trucks.

The KEN unit is quality made special for this operation, of solid brass, chrome plated, spray unit will never rust inside or out, which definitely is very important to insure long trouble free spraying operation, has special spray nozzle, plus automatic safety air release, finest quality construction throughout, built for long and rough use. Requires approx. 50 lbs. air pressure. One filling should service approximately 100 tire assemblies.

NET PRICE D-100 Economy Spray Unit only — WT. 2½ lbs.

NET PRICE D-100K Economy Spray Unit KIT — WT. 5¼ lbs.

KIT D-100K consists of one D-100 economy spray unit (1 qt. size) and one quart KEN Detecto-Mist Concentrate and measuring glass.



KEN DELUXE MODEL: Portable three gallon capacity unit for larger tire dealers and accounts requiring greater service capacities. Unit is of special heavy gauge construction, rust proof lined which is important to insure long trouble free spraying operation. Equipped with five feet of heavy duty hose and durable special brass constructed spray gun, also has built in indestructible sight tube for quick visibility of the amount contents in tank.

Requires approximately 50 lbs. air pressure, one filling will service between 900 to 100 tire assemblies of various sizes.

NET PRICE D-101 Deluxe Spray Unit only — WT. 9¼ lbs.

NET PRICE D-101K Deluxe Spray Unit KIT — WT. 12 lbs.

KIT D-101K consists of one D-101 Deluxe spray unit, one quart of KEN Detecto-Mist concentrate and measuring glass.

KEN DETECTO-MIST CONCENTRATE

IT'S CLEAN TO USE — IT'S NON-CORROSIVE — IT'S NON-TOXIC

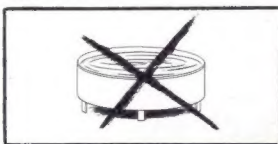
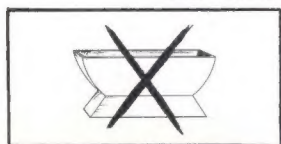
Ken Detecto-Mist Solution is easy to prepare—just add Ken Detecto-Mist Concentrate to water, hard or soft. Use 3 tablespoons concentrate to one quart water.

NET PRICE D-105 KEN Detecto-Mist Concentrate (1 qt.) — WT. 2¾ lbs.

NET PRICE D-105K KEN Detecto-Mist Concentrate (4 qt.) — WT. 11¼ lbs.

(PACKED 4 QTS. TO A CARTON)

PORTABLE . . . ELIMINATES HEAVY LIFTING . . . SAVINGS
END THIS SLOW MESSY, DUNKING OPERATION



SERVICE STATION ECONOMY MODEL D-100

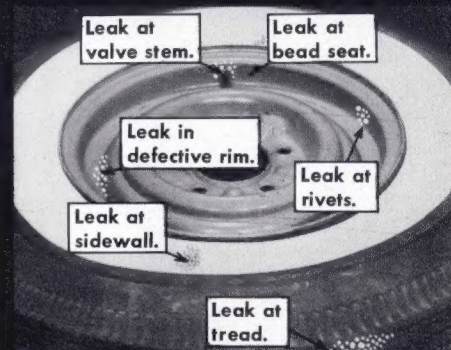


Solid Brass
Quart Spray
3-tablespoons Ken
Detecto-Mist concen-
trate to a quart of
water will test
approx. 100 tires.

Has Automatic
Safety Air
Release



Simply spray on . . . locates
leaks instantly



Locate instantly these leaks
. . . on or off any size vehicle



DELUXE MODEL D-101 SPECIAL

3 Gallon size, contains sufficient ma-
terial to test 900 to 1000 tires.



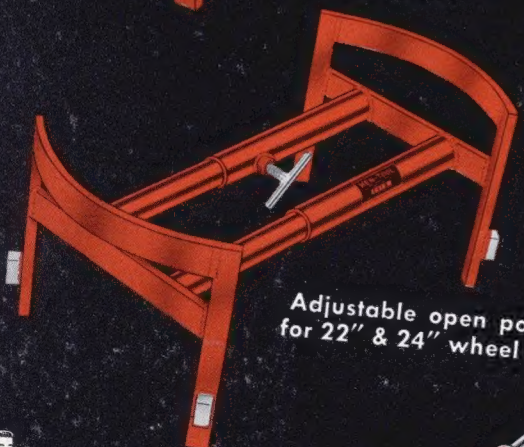
ONE QUART
KEN-DETECTO-
MIST CONCEN-
TRATE, when
properly mixed
with water,
makes enough
material to test
approximately
800 to 900
Tire-Wheel
Assemblies.

NEW TRUCK TIRE DEMOUNTING AND MOUNTING STAND

NEW ALL PURPOSE 4-WAY TRUCK WRENCH WITH $\frac{3}{4}$ SERVICE END



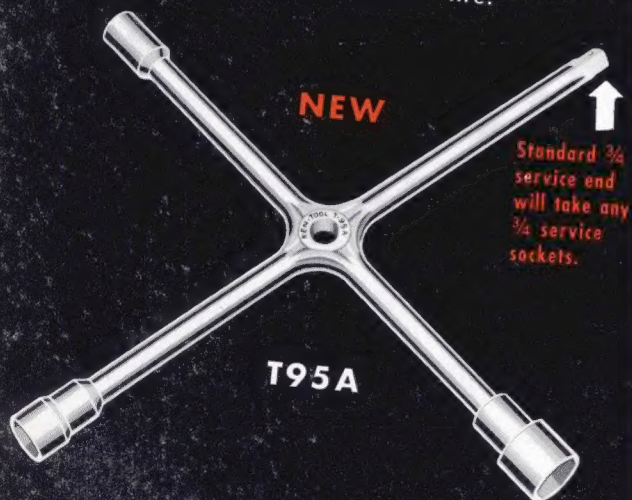
Closed position for 20" wheel or rim



Adjustable open position for 22" & 24" wheel or rim



A very effective pair — Safely removes most stubborn tire from toughest rim. Never cuts bead of tire.



NEW

Standard $\frac{3}{4}$ service end will take any $\frac{3}{4}$ service sockets.

T95A

At last a quick adjusting STURDY truck tire stand, for mounting and demounting truck tires. Quick adjusting, with DOUBLE adjusting slide bars, which avoids twisting, stays aligned with wheel or rim, plus the added ruggedness which is needed for these heavy truck tires.

One tool handles 3 popular sizes—20" - 22" - 24"—wheel or rims, works equally well on wheels or open type rims.

Truck tire mounting and demounting stand so designed to hold tire at just the right height from the floor, to illuminate floor restriction thus truck tires can now be changed with much less effort and time.

To help speed this work we recommend using the KEN HEAVY DUTY EASY TO USE IMPACT TOOL T-26B which delivers more than an 8-ton blow, it's safe for operator—never cuts beads of tire.

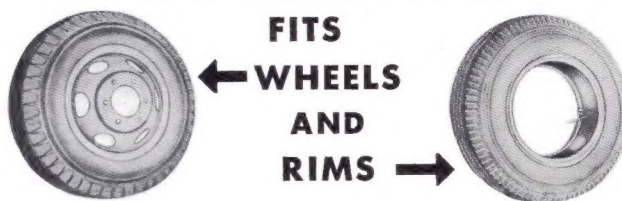
TRUCK TIRE SERVICE SHOPS CANNOT AFFORD TO BE WITHOUT THIS time and labor saving pair.

T-115 NET PRICE . . . Stand Only . . . Wt. 21 lbs.

T-116 NET PRICE . . . (Complete Stand & Impact Tool) . . . Wt. 48 lbs.

T-26B NET PRICE . . . Impact Tool Only . . . Wt. 27 lbs.

KEN TRUCK STAND



NEW TRUCK 4-WAY WITH $\frac{3}{4}$ SERVICE — EXTRA LONG —

The illustrated truck 4-way wheel wrench has one arm forged with $\frac{3}{4}$ service end to take any $\frac{3}{4}$ service sockets which then provides a wide range of use, thus enabling user to service ALL makes of trucks and wheels. In addition it has the three most popular openings forged on the other three arms, which are $1\frac{1}{2}$, $1\frac{1}{4}$ and $1\frac{3}{8}$ sq.

Truck manufacturers have been adding many new sizes of lugs, this new truck 4-way wrench is the answer to this ever increasing problem. Since it is impossible to produce a truck 4-way with all the desired sizes, the T-95A illustrated is the nearest economical answer.

T-95A NET PRICES 4-Way wrench only Wt. 15 lbs.

THE FOLLOWING $\frac{3}{4}$ SERVICE SOCKETS ARE AVAILABLE

S-20— $\frac{7}{8}$ " Socket—Wt. 5 oz.	S-24— $1\frac{1}{8}$ " Socket—Wt. 7 oz.
S-21— $\frac{1}{2}$ " Socket—Wt. 5 oz.	S-25— $1\frac{1}{4}$ " Socket—Wt. 9 oz.
S-22—1" Socket—Wt. 6 oz.	S-26— $1\frac{1}{4}$ " Socket—Wt. 9 oz.
S-23— $1\frac{1}{8}$ " Socket—Wt. 7 oz.	S-27— $1\frac{1}{2}$ " Socket—Wt. 16 oz.

DISTRIBUTED AND SOLD BY: